# Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-117

| WORKING STANDARD USED | | | | | | |
|---|---|---|---|---|---|---|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Calibration Date: | Calibration Due: | Calibration By: |
| 25171 | ION | 775 | 6779 | 8.20.08 | 8-20-09 | JPL |

| AIR IONIZER INFORMATION | | | | | | |
|---|---|---|---|---|---|---|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Verification Date: | Verification Due: | Verification By: |
| 29334 | ION | 6442 | 8919 | 9-3-08 | 2-25-09 | JPL 36 |
| Inspector: | Location: | Owner: | Fail: Y/N ? | Cleaned: Y/N ? | Adjusted: Y/N ? | Prior Sequence# |
| Minh Do | 103/116 | Don F. | N | N | N | NA |

## VERIFICATION DATA

HBM Sensitivity Level: 50 V (from Table 1)

Fan controller setting: Low (High, Low, NA)

Distance of ionizer from the charge plate: 30"

Ionizer Float Potential Tolerance ± 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

| 1 | 2 | 3 | 4 | 5 | Comments: |
|---|---|---|---|---|---|
| -10 Vdc. | -10 Vdc. | -10 Vdc. | -10 Vdc. | -10 Vdc. | |

Ionizer Discharge Voltage Range: ± 1000 Vdc to < ± 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: (20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

| 1 (+1000 to +Vdc) | 2 (+1000 to +Vdc) | 3 (+1000 to +Vdc) | 4 (+1000 to +Vdc) | 5 (+1000 to +Vdc) | Comments: |
|---|---|---|---|---|---|
| 11.5 sec | 11.6 sec | 11.7 sec | 12.4 sec | 11.8 sec | |
| 1 (-1000 to -Vdc) | 2 (-1000 to -Vdc) | 3 (-1000 to -Vdc) | 4 (-1000 to -Vdc) | 5 (-1000 to -Vdc) | Comments: |
| 14.9 sec | 13.6 sec | 15.9 sec | 13.9 sec | 14.0 sec | |

**Record** any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

**Record** inspection schedule and rational for that schedule.